

## VPCL224FD/B

A contemporary high-definition PC/TV with a stunning 24" Full HD LED backlit multi-touch display, offering intuitive touch access to Internet, movies, music, photos and more. With so many integrated features, the L Series delivers the ultimate one-stop shop for your every productivity and entertainment need.





#### Cool to the touch

Thanks to Edge Access™ technology, the touchable area extends to the display's edge and incorporates touchable controls into the glass bezel. Easily access everyday shortcuts such as close, next, previous, zoom, and on-screen keyboard in one dedicated space.



#### Space Saving

Curb clutter in your workspace with a powerful computer that's built into the back of a stunning 24" Full HD LED backlit display. Compact, sleek and easy-to-use, the L Series is as practical as it is stylish. Its all-in-one design concept requires only a single power cord to keep you powered, connected and incontrol to ensure you'll never have a tangled mass of wires invading your foot space.



### The True Beauty of Displays

Measuring an impressive 24" and sporting a cinema-inspired 16:9 aspect ratio, the 1920 X 1080 Full HD resolution widescreen display lets you view your games and movies in impeccable detail with amazing color and contrast from virtually any angle. Transform your VAIO® L Series into a one stop multimedia shop. Connect your compatible cable box, satellite receiver or PS3™ system directly to the L Series with an HDMI® input (HDMI cable required, sold separately).



# Intel® Core™ Processor technology

For the most visible difference in HD, multitasking or multimedia, get the processor with top-of-theline performance you can truly see and feel. With our best set of features for the speediest and most responsive experience, the 2nd generation Intel® Core™ processor is the ideal choice for whatever you want to do. It's visibly smart performance at its best.

### Watch Blu-ray Disc™ movies

The versatile Blu-Ray Disc<sup>™</sup> player drive on the L Series combines the power of HD Blu-ray Disc<sup>™</sup> video playback with the convenience and utility of DVD and CD read/write functionalities. The best picture. The best sound. With stunning clarity, Blu-ray Disc<sup>™</sup> technology is the ultimate way to enjoy your entertainment.

### Built-in HD web camera and microphone

The L Series features a HD web camera powered by an Exmor™ image sensor which allows for great low-light performance. The built-in camera and microphone is excellent for video messaging with family, friends and coworkers. Face tracking technology allows the camera to automatically adjust focus and follow you as you move around while video chatting.

With a 2nd generation Intel® Core™ processor and Blu-ray Disc™ the L Series provides an amazing multimedia experience. A 24" Full HD Touch Dislpay with images so realistic, the L Series is in a class by itself. You get smart performance and amazing picture quality all in a sleek, up-market design.

### Specifications

Processor	
Processor Type	Intel® Core™ i3-2310M
Processor Technology	Dual Core
Processor Speed	2.10GHz <sup>1</sup>
Processor Cache	3MB



Screen Size         240' (dilag)           Rosolution         1920 x 1880           Rosolution         1920 x 1880           Sacklight Fechology         Full HO, Touchscreen           Memory         Full HO, Touchscreen           Memory         Full HO, Touchscreen           Memory Speed         668 (468 x 1, 268 x 1)           Memory Speed         DDR3133MHz           Max. Memory         668           Graphics Processor         NVIDIA' Geforce 315M           Storage Capacity         118*           Storage Capacity         118*           Storage Capacity         118*           Optical Drive Spee         But-ray Disc' Player           Optical Drive Spee         Read Only           Optical Drive Spee         Read Only           Optical Drive Support - GD/OVO         Read / Witte           Hardware         Read only           Optical Drive Support - GD/OVO         Read / Witte	Display			
Resolution         1920 x 1080           Backlijk Technology         EDIH Drouchscreen           Deplayle Technology         Full HD. Touchscreen           Memory         Full HD. Touchscreen           Memory Type Speed         658 (658 x 1, 268 x 1)           Memory Type Speed         0583/133 MHz           Graphics Wideo RAM         MIDIA* CeForce 315M           Graphics Video RAM         MIDIA* CeForce 315M           Storage Tourism         Storal ATA           Storage Capacity         1178 1           Storage Capacity         1178 1           Storage Cepacity         1178 1           Storage Cepacity         1178 1           Storage Cepacity         1178 1           Storage Cepacity         80 ATA           Storage Cepacity         1178 1           Storage Cepacity         1178 1           Storage Technology         80 ATA           Storage Cepacity         1178 1           Storage Technology         80 ATA           Storage Capacity         1178 1           Storage Technology         80 ATA           Storage Technology         80 ATA           Storage Technology         80 ATA           Storage Type         80 ATA           S		24.0" (diag.)		
Basklight Technology         LED           Uisplay Fechnology         Cill HD, Touchscreen           Memory         668 (4GB x 1, 2GB x 1)           Memory Type-Speed         DBS(3133MHz           Max Memory         68 (3GB x 1, 2GB x 1)           Max Memory         BOS (3733MHz)           Graphics         WIDM's Ceforce 315M           Graphics Video RAM         S12MB Dedicated           Storage Technology         S12MB Dedicated           Storage Technology         Serial ATA           Storage Technology         200pm           Potical Drive Support - SUP (200pm)         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player           Optical Drive Support - Ellu ray Disc"         Blur ary Disc" Player <td></td> <td></td>				
Display Technology         Fill HD. Touchscreen           Memory         Memory           Installed Memory         66B (46B x 1, 26B x 1)           Memory Type/Speed         05B3/333MHz           Max. Memory         68B           Caraphics         WiDIA* GeForce 315M           Graphics Processor         MIDIA* GeForce 315M           Graphics Video RAM         SID MiD Redicated           Storage Type         Serial ATA           Storage Capacity         178*           Storage Capacity         178*           Storage Capacity         178*           Optical Drive Support         Blur-ay Disc** Player           Optical Drive Support - Blur-ay Disc** Player         Player           Optical Drive Support - CD/DVD         Read Only           Optical Drive Support - Blur-ay Disc** Player         Read Only           Optical Drive Support - CD/DVD         Read Only           Camera         Read Only           Camera         Read Only           Keyboard         Oy City         Quitted Drive Support - CD/DVD         Read Only           Keyboard         Oy CERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual         Description of the Support - Blur ay Disk           Keyboard         10 Keyboard         10 Keyboard				
Memory         656 (468 x 1, 268 x 1)           Memory Type/Speed         658 (468 x 1, 268 x 1)           Max Memory         658           Craphics           Craphics Processor         MVIDIA* Geforce 315M           Graphics Video R&M         512MB Dedicated           Storage         Storage Type           Storage Capotly         118°           Storage Technology         7200rpm           Optical Drive         Blu-ray Disc** Player           Optical Drive Support - Blu-ray Disc**         Read Only           Optical Drive Support - CD/DVD         Read Only           Optical Drive Support - CD/DVD         Read Only           Carbana         Suiltin HD web camera powered by Exmor** sensor and microphone           Keyboard         QufferTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual           Okey Numeric Pad         1           Substance         Install High Definition Audio with 5.FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3           Bruss         1           Subs 2.0         1           USB 3.0         2           USB 3.0         2           USB 3.0         3           USB 2.0         3           USB 2.0         3           USB 2.0				
Installed Memory Type/Speed         GGB (4GB x 1, 2GB x 1)           Memory Type/Speed         QGB (37)333MHz           Awa, Memory Type/Speed         AGB           Awa, Memory Type/Speed         AGB           Graphics         MVDIA* Geforce 315M           Graphics Video RAM         \$12MB Dedicated           Storage Capacity         178*           Storage Capacity         178*           Storage Capacity         178*           Optical Drive Vigor         Serial ATA           Storage Technology         2007mm           Optical Drive Vigor         Blur ay Disc** Player           Optical Drive Support - CD/DVD         Read Only           Read Support - CD/DVD         Read Only           Optical Drive Support - CD/DVD         Read Only           Read Support - CD/DVD         Read Only           Optical Drive Support - CD/DVD         Read Only           Read Only         Read Only           Optical Drive Support - CD/DVD         Read Only           Read Only <t< td=""><td></td><td>Tull TID, Touchscreen</td></t<>		Tull TID, Touchscreen		
Memory Type/Speed         DDR3/1333MHz           Max. Memory         86B           Graphics Processor         NYDIA* GeForce 315M           Graphics Video RAM         512MB Dedicated           Storage         Stroage Capacity           Storage Capacity         178°           Storage Fechnology         Serial ATA           Optical Drive Support         USD Orgon           Optical Drive Support - Bluray Disc**         Read Only           Optical Drive Support - Bluray Disc**         Read Only           Optical Drive Support - CO/DVD		6CP/4CP v.1. 2CP v.1\		
Max. Memory         86B           Graphics           Graphics Processor         NYIDIA* GeForce 315M           Graphics Video RAM         512MB Dedicated           Storage         Serial ATA           Storage Type         Serial ATA           Storage Technology         7200rpm           Optical Drive         V           Optical Drive Type         Read Only           Optical Drive Support - (DIVD)         Read / Write           Hardwar         Wisher Application of the Support - (DIVD)           Keyboard         QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual           10-Key Numeric Pad         Yes           Audio         Yes           Sound System         Intel® High Definition Audio with 5-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3           Insula Sa 3.         2           USB 2.0         3           Microphone Input         1           Secure Digital (SD) Sid         1           HOMI** Output(s)         1           HOMI** Output(s)         1           HOMI** Output(s)         1           Homory Stick Duo**         1           Homelon Output (s)         1           Homelon Technology         Bluetooth Integrated Stereo AZDP				
Graphics Processor NVIDIA* GeForce 315M Graphics Video RAM 512MB Dedicated  Storage  Storage Type Serial ATA Storage Capacity 1TB* Storage Capacity 1TB* Storage Capacity 1TB* Optical Drive Upon Blu-ray Disc** Player Optical Drive Support - Blu-ray Disc** Read Only Optical Drive Support - CD/DVD Read/ Write  Hardware  Camera Bull-in HD web camera powered by Exmor* sensor and microphone Keyboard QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual 10-Key Numeric Pad Aves  Audio  Sound System Intel* High Definition Audio with S-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3 Inputs and Outputs  DC-In 1 1 Secure Digital (SD) Slot 1 1 HDMM* Oruput(s) 1 8-EWED (Spital (SD) Slot 1 1 HDMM* Oruput(s) 1 1 HDMM* Oruput(s) 1 1 HDMM* Oruput(s) 1 1 HDMM* Oruput(s) 1 1 HEMMON Stevon Blu-ray				
Graphics Processor         NVIDIA* GeForce 315M           Graphics Video RAM         512MB Dedicated           Storage         Serial ATA           Storage Capacity         17B*           Storage Erchnology         7200rpm           Optical Drive         Optical Drive Support - Blu-ray Disc** Player           Optical Drive Support - Blu-ray Disc**         Read Only           Oxidea         WERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Blilingual           Support         Support         Support         Support           Support         Support         Support         Support         Support         Support <td>•</td> <td>8GB</td>	•	8GB		
Graphics Video RAM         512MB Dedicated           Storage Type         Serial ATA           Storage Type         Para IATA           Storage Technology         700 prom           Optical Drive           Optical Drive Type           Optical Drive Support - Blu-ray Disc** Read Only           Optical Drive Support - CD/DVD         Read Only           Optical Drive Support - CD/DVD         Bull-in HD web camera powered by Exmor** sensor and microphone           Reyboard         QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Billingual           Audion           Audion           Audion           Decimal Dispansion Audion with S-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3           Decimal Dispansion Audion with S-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3           Decimal Dispansion Audion with S-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3            1            2            4            3		NWDWS 5 245M		
Storage         Serial ATIA           Storage Eype         Serial ATIA           Storage Capacity         178           Storage Technology         700°pm           Optical Drive Support - Blu- ray Disc" Player           Optical Drive Support - Blu- ray Disc"         Read Only           Optical Drive Support - Blu- ray Disc"         Read Only           Optical Drive Support - Blu- ray Disc"         Read Only           Optical Drive Support - City Droy         Read Only           Care Analysis of Market           Optical Drive Support - City Droy         Read Only           Care Analysis of Market           Optical Drive Support - City Droy         Read Only           Optical Drive Support - City Droy <t< td=""><td></td><td></td></t<>				
Storage Type         Serial ATA           Storage Capacity         1TB <sup>I</sup> Storage Technology         7200pm           Optical Drive Type           Optical Drive Support - Blu-ray Disc™         Read Only           Optical Drive Support - CD/DVD         Read Only           Comman         Built-in HD web camera powered by Exmor™ sensor and microphone           Keyboard         QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual           10-Key Numeric Pad         Yes           Audio           Sound System         Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3           Inputs and Outputs           DC-In         1           USB 3.0         2           USB 2.0         3           Microphone Input         1           Secure Digital (SD) Slot         1           HDM® Output(s)         1           Hemory Stick Dow         1           Hemory Stick Dow         1           HDM® ringut         1           Hemptone Output         1           Hemptone Output         1           Wireless/Networking         Intel® High Deton Integrated Stereo A2DP (2.1 ± EDR)           Et		512MB Dedicated		
Storage Capacity         1TB <sup>4</sup> Storage Technology         7200rpm           Optical Drive         Washington           Optical Drive Type         Blu-ray Disc** Player           Optical Drive Support - Blu-ray Disc**         Read Only           Optical Drive Support - CD/DVD         Read Only           Hardware           Camera         Built-in HD web camera powered by Exmor** sensor and microphone           Keyboard         QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual           10-Key Numeric Pad         Ye           Audio           Sound System         Intel* High Definition Audio with S-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3           Inputs and Outputs           USB 3.0         2           USB 3.0         2           USB 3.0         2           USB 2.0         3           Microphone Input         1           Secure Digital (SD) Slot         1           HDMI* Output(s)         1           Memory Stack Duo**         1           Headphone Output         1           Bluetooth* Technology         Bluetooth* Section           Bluetooth* Technology         Bluetooth* Technology <th< td=""><td></td><td>  <del></del></td></th<>		<del></del>		
Storage Technology 7200 rpm  Optical Drive Optical Drive Type 8 Blu-ray Disc** Player Optical Drive Support - Blu-ray Disc** Read Only Optical Drive Support - CD/DVD Read / Write  Hardware Camera Built-in HD web camera powered by Exmor** sensor and microphone Keyboard QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual 10-Key Numeric Pad Yes Audio  Sound System Intel* High Definition Audio with 5-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3 Inputs and Outputs  DC-In 1 1S8 3.0 2 1S8 3.0 2 1S8 3.0 2 1S8 2.0 3 Microphone Input 1 5ecure Digital (SD) Slot 1 1HDMI* Output(s) 1 1Memory Stick Duo** 1 1HDMI* Output(s) 1 1HDMI* Output(s) 1 1HDMI* Output(s) 1 1Headphone Output 1 1Headphone Output 1 1Headphone Output 3 1Headphone Output 3 1Headphone Output 3 1Headphone Output 4 1Headphone Output 5 1Headphone Output 5 1Headphone Output 6 1Headphone Output 7 1Headphone Output 8 1Headphone Output 8 1Headphone Output 9 1Headphone Output 1 1Headphone Output 1 1Headphone Output 1 1Headphone Output 3 1Headphone Output 3 1Headphone Output 4 1Headphone Output 5 1Headphone Output 6 1Headphone Output 7 1Headphone Output 7 1Headphone Output 8 1Headphone Output 9 1Headphone Output 1 1Headphone Output 1 1Headphone Output 1 1Headphone Output 1 1Headphone Output 3 1Headphone Output 3 1Headphone Output 4 1Headphone Output 5 1Headphone Output 6 1Headphone Output 7 1Headphone Output 7 1Headphone Output 7 1Headphone Output 8 1Headphone Output 9 1Headphone Output				
Optical Drive         Blu-ray Disc** Player           Optical Drive Support - Blu-ray Disc**         Read Only           Optical Drive Support - CO/DVD         Read / Write           HardWare           Camera         Buill-in HD web camera powered by Exmor** sensor and microphone           Keyboard         QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual           10-Key Numeric Pad         Yes           Audio           Sound System         Intel* High Definition Audio with 5-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3           Inputs and Outputs           DC-In         1           USB 3.0         2           USB 2.0         3           Microphone Input         1           Secure Digital (SD) Slot         1           HDMI* Output(s)         1           Headphone Output         1           Headphone Output         1           Microes/Networking           Bluetooth* Technology         Bluetooth Integrated Stereo AZDP (2.1 + EDR)           Ethernet Protocol         1000BASE-T/100BASE-TX/10BASE-T           WiFi Adapter         A theros* 802.11b/g/n           Supplied Software           Operating System         <				
Optical Drive Type         Blu-ray Disc™ Player           Optical Drive Support - Blu-ray Disc™         Read Only           Optical Drive Support - CD/DVD         Read / Write           Hardware           Camera         Built-in HD web camera powered by Exmor™ sensor and microphone           Keyboard         QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual           10-Key Numeric Pad           Audio           Sound System         Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3           Inputs and Outputs           DC-In         1           USB 3.0         2           USB 3.0         2           USB 3.0         2           USB 3.0         2           USB 3.0         1           Homeon Explication (SD) Slot         1           HOMM** Output (S)         1           HOMM** Output (S)         1           Homeon Stick Duo"         1           Headphone Output         1           Headphone Output         1           Wirelase/Networking <th <="" colspan="2" td=""><td></td><td>7200rpm</td></th>	<td></td> <td>7200rpm</td>			7200rpm
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Optical Drive Support - CD/DVD         Read / Write           Hardware         Camera         Built-in HD web camera powered by Exmor <sup>**</sup> sensor and microphone           Keyboard         QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual           10-Key Numeric Pad         Yes           Audio           Sound System         Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3           Inputs and Outputs           DC-In         1           USB 3.0         2           USB 2.0         3           Microphone Input         1           Secure Digital (SD) Slot         1           HDMI® Output(s)         1           HDMI® Output(s)         1           HDMI® Dutput         1           Headphone Output         1           Headphone Output         1           Wireless/Networking           Bluetooth* Technology         Bluetooth Integrated Stereo A2DP (2.1 + EDR)           Ethernet Protocol         1008ASE-T/1008ASE-TX/108ASE-T           Wiff Adapter         Atheros® 802.11b/g/n           Software           Operating System         Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)				
Hardware  Camera Built-in HD web camera powered by Exmor™ sensor and microphone  Keyboard QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual  10-Key Numeric Pad Yes  Audio  Sound System Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3  Inputs and Outputs  DC-In 1  USB 3.0 2  USB 2.0 3  Microphone Input 1  Secure Digital (SD) Slot 1  HDMI® Output(s) 1  Memory Stick Duo™ 1  HDMI® Output(s) 1  HDMI® put 1  Headphone Output 1  Wireless/Networking  Bluetooth® Technology Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol 1000BASE=T/100BASE=TX/10BASE=T  WIFI Adapter Atheros® 802.11b/g/n  Software  Operating System Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB -  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB -				
Camera Built-in HD web camera powered by Exmor** sensor and microphone Keyboard QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual 10-Key Numeric Pad Yes  Audio  Sound System Intel* High Definition Audio with S-FORCE* Front Surround 3D and Dolby* Home Theater* Technology v3 Inputs and Outputs  DC-In 1 USB 3.0 2 USB 2.0 3 Microphone Input 1 Secure Digital (SD) Slot 1 HDMI* Output(s) 1 Memory Stick Duo** 1 HDMI* Input 1 Headphone Output 1 Wireless/Networking Bluetooth* Technology Bluetooth Integrated Stereo A2DP (2.1 + EDR) Ethernet Protocol 1000BASE-T/100BASE-TX/10BASE-T WiFi Adapter Atheros* 802.11b/g/n Software  Operating System Genuine Windows* 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre) Ant-Virus Software Microsoft* Office Starter with reduced-functionality versions of Word and Excel**, VAIO Care**, Media Gallery**, PMB - Supplied Software  Microsoft* Office Starter with reduced-functionality versions of Word and Excel**, VAIO Care**, Media Gallery**, PMB -	Optical Drive Support - CD/DVD	Read / Write		
Keyboard QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual  10-Key Numeric Pad Yes  Audio  Sound System Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3  Inputs and Outputs  DC-In 1  USB 3.0 2  USB 2.0 3  Microphone Input 1  Secure Digital (SD) Slot 1  HDMI® Output(s) 1  Memory Stick Duo™ 1  HDMI® Input 1 Headphone Output 1  Wireless/Networking  Bluetooth Technology Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol 1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter Atheros® 802.11b/g/n  Software  Operating System Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB -  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB -	Hardware			
10-Key Numeric Pad Yes  Audio  Sound System Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3  Inputs and Outputs  DC-In 1  USB 3.0 2  USB 2.0 3  Microphone Input 1  Secure Digital (SD) Slot 1  HDMI® Output(s) 1  Memory Stick Duo™ 1  HDMI® Input 1  Headphone Output 1  Wireless/Networking  Bluetooth® Technology Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol 1000BASE-TX/10BASE-TX/10BASE-T  WiFi Adapter Atheros® 802.11b/g/n  Software  Operating System Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB -  Supplied Software Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB -	Camera	Built-in HD web camera powered by Exmor™ sensor and microphone		
Audio  Sound System Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3  Inputs and Outputs  DC-In 1  USB 3.0 2  USB 2.0 3  Microphone Input 1  Secure Digital (SD) Slot 1  HDMI® Output(s) 1  Memory Stick Duo™ 1  HDMI® Input 1  Headphone Output 1  Wireless/Networking  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol 1000BASE-TX/10BASE-TX WiFi Adapter Atheros® 802.11b/g/n  Software  Operating System Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software Microsoft* Office Starter with reduced-functionality versions of Word and Excel®, Media Gallery™, PMB -	Keyboard	QWERTY, 104 keys with 2.7mm stroke and 19.05mm pitch - Bilingual		
Sound System     Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3       Inputs and Outputs       DC-In     1       USB 3.0     2       USB 2.0     3       Microphone Input     1       Secure Digital (SD) Slot     1       HDMI® Output(s)     1       Memory Stick Duo™     1       HDMI® Input     1       Headphone Output     1       Wireless/Networking       Bluetooth® Technology     Bluetooth Integrated Stereo A2DP (2.1 + EDR)       Ethernet Protocol     1000BASE-T/100BASE-TX/10BASE-T       WiFi Adapter     Atheros® 802.11b/g/n       Software       Operating System     Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Billingual (Eng/Fre)       Anti-Virus Software     Norton Internet Security™ 2011 30-Day Trial Offer¹¹       Supplied Software     Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB-	10-Key Numeric Pad	Yes		
Inputs and Outputs  DC-In 1  USB 3.0 2  USB 2.0 3  Microphone Input 1  Secure Digital (SD) Slot 1  HDMI® Output(s) 1  Memory Stick Duo™ 1  Headphone Output 1  Headphone Output 1  Wireless/Networking  Bluetooth® Technology Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol 1000BASE-TX/100BASE-T WiFi Adapter Atheros® 802.11b/g/n  Software  Operating System Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB-  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB-	Audio			
DC-In 1 USB 3.0 2 USB 2.0 3 Microphone Input 1 Secure Digital (SD) Slot 1 HDMI® Output(s) 1 Memory Stick Duo™ 1 HDMI® Input 1 Headphone Output 1 Wireless/Networking Bluetooth® Technology Bluetooth Integrated Stereo A2DP (2.1 + EDR) Ethernet Protocol 1000BASE-TX/100BASE-TX/10BASE-T WiFi Adapter Atheros® 802.11b/g/n  Software Operating System Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre) Anti-Virus Software Microsoft® Office Starter with reduced-functionality versions of Word and Excel®, VAIO Care™, Media Gallery™, PMB -	Sound System	Intel® High Definition Audio with S-FORCE® Front Surround 3D and Dolby® Home Theater® Technology v3		
USB 3.0 2 USB 2.0 3 Microphone Input 1 Secure Digital (SD) Slot 1 HDMI® Output(s) 1 Memory Stick Duo™ 1 HDMI® Input 1 Headphone Output 1 Wireless/Networking Bluetooth® Technology Bluetooth Integrated Stereo A2DP (2.1 + EDR) Ethernet Protocol 1000BASE-T/100BASE-TX/10BASE-T WiFi Adapter Atheros® 802.11b/g/n  Software Operating System Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre) Anti-Virus Software Nicrosoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Inputs and Outputs			
Microphone Input  Secure Digital (SD) Slot  1  HDMI® Output(s)  1  Hemory Stick Duo™  1  Headphone Output  1  Wireless/Networking  Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	DC-In	1		
Microphone Input  Secure Digital (SD) Slot  1  HDMI® Output(s)  1  Memory Stick Duo™  1  HDMI® Input  1  Headphone Output  1  Wireless/Networking  Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Billingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	USB 3.0	2		
Secure Digital (SD) Slot  HDMI® Output(s)  1  Memory Stick Duo™  1  HDMI® Input  1  Headphone Output  1  Wireless/Networking  Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	USB 2.0	3		
HDMI® Output(s)  Memory Stick Duo™  1  HDMI® Input  1  Headphone Output  1  Wireless/Networking  Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Microphone Input	1		
Memory Stick Duo™  HDMI® Input  1  Headphone Output  1  Wireless/Networking  Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Secure Digital (SD) Slot	1		
HDMI® Input  Headphone Output  1  Wireless/Networking  Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	HDMI® Output(s)	1		
Headphone Output  Wireless/Networking  Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Memory Stick Duo™	1		
Wireless/Networking  Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	HDMI® Input	1		
Bluetooth® Technology  Bluetooth Integrated Stereo A2DP (2.1 + EDR)  Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T  WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Headphone Output	1		
Ethernet Protocol  1000BASE-T/100BASE-TX/10BASE-T WiFi Adapter Atheros® 802.11b/g/n  Software  Operating System Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Wireless/Networking			
WiFi Adapter  Atheros® 802.11b/g/n  Software  Operating System  Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)  Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Bluetooth® Technology	Bluetooth Integrated Stereo A2DP (2.1 + EDR)		
Software         Operating System       Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)         Anti-Virus Software       Norton Internet Security™ 2011 30-Day Trial Offer¹¹         Supplied Software       Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Ethernet Protocol	1000BASE-T/100BASE-TX/10BASE-T		
Software         Operating System       Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)         Anti-Virus Software       Norton Internet Security™ 2011 30-Day Trial Offer¹¹         Supplied Software       Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	WiFi Adapter	Atheros® 802.11b/g/n		
Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -				
Anti-Virus Software  Norton Internet Security™ 2011 30-Day Trial Offer¹¹  Supplied Software  Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -	Operating System	Genuine Windows® 7 Home Premium with Service Pack 1 64-bit - Bilingual (Eng/Fre)		
Microsoft® Office Starter with reduced-functionality versions of Word and Excel®6, VAIO Care™, Media Gallery™, PMB -				
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Service and Warranty Information		
International Service	Yes	
Limited Warranty Term	1 Year	
Environmental Information		
ENERGY STAR®	5.0	
EPEAT™	Gold	
ROHS®	Compliant	
Weights and Measurements		
Dimensions (Approx.)	23.94" (W) x 16.89" (H) x 6.62" (D)	
Weight (Approx.)	25.83 lbs.	
Start-up Times		
Average Boot Time	60 seconds	
Average Resume Time from Suspend	2 seconds	
First Boot Time	5 minutes, excluding end user interaction	
General		
Action Buttons	ASSIST, WEB, VAIO, Display Off, Menu, Menu Up/Down, Input/OK, Volume Up/Down	
Supplied Accessories		
Supplied Accessories	Wireless Keyboard (VGP-WKB11), Wireless Laser Mouse (VGP-WMS30), AA Batteries x 2, AC Adapter, Power Cord	









- 1. GHz denotes maximum microprocessor internal clock speed and may vary based on application.
- 4. 1 GB = one billion bytes. Actual formatted capacity will be less.
- 6. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. Purchase an Office 2010 Product Key to activate full-featured Office software on this PC.
- 9. Estimates based upon Sony engineering testing. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.
- 11. Norton Internet Security 2011 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
- 14. Mount sold sep.
- Specifications subject to change. Non-metric weights and measures are approximate.

Certain Microsoft products included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USETHE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer and may be completed by Internet or telephone (toll charges may apply).

This product meets the standards of the International Energy Star Program for energy efficiency.

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